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INTERNATIONAL SEARCH REPORTIntelli Application No
PCT/EP 03/00572

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B25J9/04 B25J9/10		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B25J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 271 292 A (SAWADA YASUHIRO ET AL) 21 December 1993 (1993-12-21)	1-4, 8-15
Y	column 4 -column 6; figures 1,3,4 ---	5-7
X	US 6 287 406 B1 (ITO TOSHIKAZU ET AL) 11 September 2001 (2001-09-11)	1-4, 12,
Y	column 4, line 59 -column 6, line 29; figures 6-8 ---	15 6, 7
X	EP 0 295 306 A (FANUC LTD) 21 December 1988 (1988-12-21) the whole document ----	1, 2, 4-6, 12, 13 -/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
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Date of the actual completion of the International search 24 April 2003	Date of mailing of the International search report 15/05/2003	
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A	US 5 640 883 A (TAKIZAWA HIROSHI) 24 June 1997 (1997-06-24) column 4, line 18 -column 8, line 5; figures 3-5 ---	1-3,6, 8-13,15
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